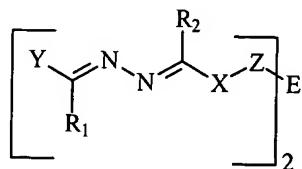


ORGANOPHOTORECEPTOR WITH CHARGE TRANSPORT COMPOUND WITH AN AZINE GROUP

Abstract of the Disclosure

5 Improved organophotoreceptor comprises an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising:

(a) a charge transport compound having the formula



10 where R₁ and R₂ are, independently, hydrogen, an alkyl group, an alkaryl group or an aryl group; X is an aromatic group; Y is an (N,N-disubstituted)arylamine; Z is (CH₂)_m group where m is an integer between 0 and 30 where one or more of the methylene groups is optionally replaced by O, S, C=O, O=C-O, O=C-NR₃, sulfoxide, sulfate, phosphate, an aryl group, urethane, urea, NR₄ group, CHR₅ group, or CR₆R₇ group where R₃, R₄, R₅, R₆, and R₇ are, independently, H, hydroxyl, thiol, an amine group, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group, and E is a bond, O, S, C=O, NR₈, CR₉R₁₀ group, a heterocyclic group, or an aromatic group where R₈, R₉, and R₁₀ are, independently, H, an alkyl group, an alkaryl group, or an aryl group; and

15 (b) a charge generating compound. Corresponding electrophotographic apparatuses and imaging methods are described.